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Re:	50277-2406— 10/786,941	Date: October 13, 2009	Time Sent: 1:45 pm

Number of pages including this page: 7

TO:

Name	Company	Facsimile No.	Contact No.
Examiner Michael Pham	USPTO	571-273-3924	

ENCLOSURES: Please find attached the Agenda for the telephone interview for Application No. 10/786,941. If you have any questions or concerns, please do not hesitate to contact me.

Regards,

Jennifer Newell
Assistant to Christian Nicholes, Eric Sutton & Adam Stone
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Docket No. 50277-2406

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

    Daniel ManHung Wong

Serial No.: 10/786,941

Filed on: February 24, 2004

Confirmation No. 3803

Examiner: Michael Pham

Group Art Unit No.: 2167

For: SENDING CONTROL INFORMATION WITH DATABASE STATEMENT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**<u>Unofficial Communication—Not for Entry
By Facsimile—(571) 273-3924</u>**

<u>AGENDA FOR TELEPHONE INTERVIEW</u>

Sir:

    In response to the Final Office Action mailed August 17, 2009, the shortened statutory period for reply which runs until November 17, 2009, representatives of the Applicants (herein "Representatives") propose to hold a telephone interview according to the following agenda.

    1.   Telephone interview date and time. <u>Thursday, August 15, 2009, 1:00 PM Eastern.</u> For any changes, please call Eric L. Sutton at (408) 414-1210.

    2.   Participants. Michael Pham, Examiner for the USPTO. Marcel K. Bingham (Reg. No. 42,327), and Eric L. Sutton (Reg. No. 61,173) for the Applicants.

    3.   Topic. Applicant's Representatives would like to discuss the differences between Claim 1 and Fujiwara, with reference to the Figures and Figure summaries provided herein.

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Claim 1

Claim 1 features a request that specifies a database statement and "a tag that does not conform to a database language of said database statement." The specification provides an example execution interface for executing database statements with the tag field: DBMS_SQL.PARSE(cursr, '**SELECT * FROM emp**', v7, '**resource=g1 id=scott**').

Fujiwara

Fujiwara involves masking cells that a user is not privileged to access. Fujiwara modifies the original SQL query by inserting a call to the masking function, resulting in cited SQL query 1202 of FIG. 12.

FIG. 2

View of Data

Group 1 (MD_ID 2222)

PT_ID	VST	P_NM	AGE	SEX	MD_ID	DRG	STAY	COST	PYMT
			54	M		123	7	1000	1200
			25	F		123	2	1200	1500
12345	2	AREN	55	M	2222	127	3	600	500
			65	F		234	5	800	700

MD_ID	VOL	AVG STAY	AVG COST	AVG PYMT
2222	1	3	600	900
	2	6	900	950
	1	2	1200	1500

Group 2 (MD_ID 3333)

PT_ID	VST	P_NM	AGE	SEX	MD_ID	DRG	STAY	COST	PYMT
12345	1	AREN	54	M	3333	123	7	1000	1200
			25	F		123	2	1200	1500
			55	M		127	3	600	500
97531	1	MARY	65	F	3333	234	5	800	700

MD_ID	VOL	AVG STAY	AVG COST	AVG PYMT
	1	3	600	500
3333	2	6	900	950
	1	2	1200	1500

Group 3 (MD_ID 4444)

PT_ID	VST	P_NM	AGE	SEX	MD_ID	DRG	STAY	COST	PYMT
			54	M		123	7	1000	1200
23456	1	ERIS	25	F	4444	123	2	1200	1500
			55	M		127	3	600	500
			65	F		234	5	800	700

MD_ID	VOL	AVG STAY	AVG COST	AVG PYMT
	1	3	600	500
	2	6	900	950
4444	1	2	1200	1500

FIG. 11

An original SQL query "written using conventional SQL constructs" that includes "a SELECT statement, specifying one or more column references (sometimes referred to as attributes, fields, etc.), which constitute the result of the query." Par. [0068], [0072].

```
SELECT   c.PT_ID,
         i.VST,
         p.P_NM,
         p.AGE, p.SEX,
         i.MD_ID,
         m.D_NM,
         i.DRG, i.STAY, ...
FROM INPT_FACT i, MD_FACT m, PT_FACT p
WHERE i.PT_ID=p.PT_ID AND i.MD_ID = m.MD_ID AND ... ;
```

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FIGS. 8 AND 9

FIG. 8 shows a data access policy. "A user information table 902 (USER_INFO) contains a user record (e.g., user record 912) for each user. Each record includes a user-id field 922 and a role field 924, in addition to other user-related information 926. The role field identifies the access level privileges for each user, per the access policy of FIG. 8." Par. [0047].

Access Level	Role	Access Policy
I	Executive	Access to all data.
II	Medical Doctor	Access to doctor's own patient visit data only. The patient privacy information of the other patient visit data should be blinded. The other medical doctor's privacy information should be also blinded.
III	Financial Analyst	Access to financial information without any medical doctor's information.

902 USER_INFO

USR_ID	ROLE	...
1111	I	...
2222	II	...
3333	II	...
4444	II	...
5555	III	...

912   922   924   926

"If a role II user issues the query such as: SELECT * FROM PT_FACT; then, all PT_ID, and P_NM columns should be blinded (masked), because a role II user . . . can only make his/her own patient list." Par. [0052].

FIG. 12

"As can be seen the translation process 1210 is simply a textual replacement in the original query of the masked column references by their corresponding function calls." Par. [0073]. "Continuing with FIG. 12, the translation process 1210 converts an original query 1102 [FIG. 11] into a translated query 1202. The translated query is then transmitted to the DBMS 702, where the query is executed."
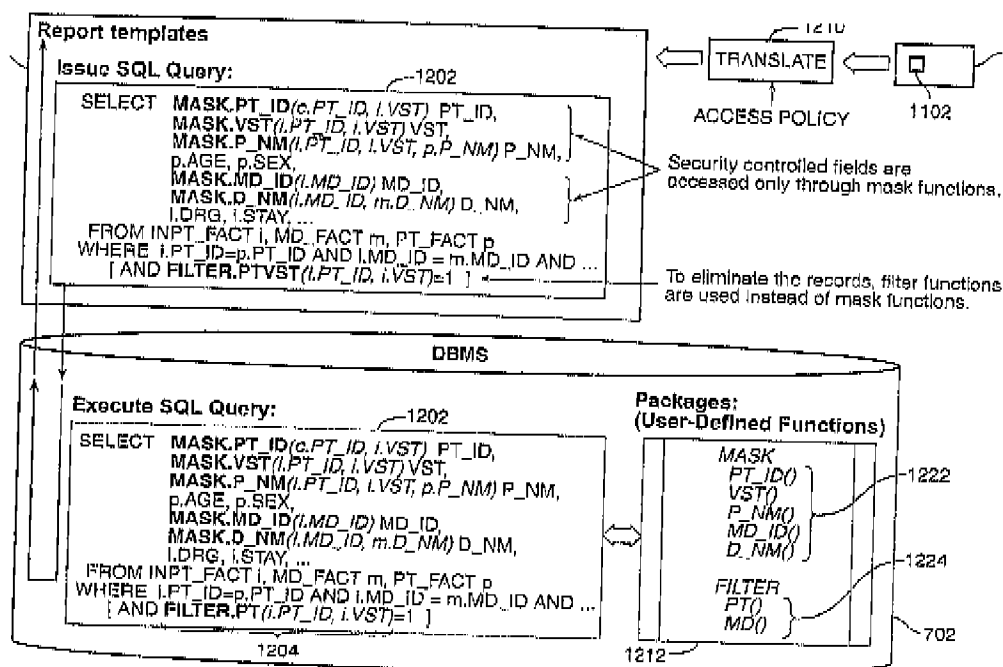
FIG. 13

A SQL query effectuating "changes to the access policy," reflecting change "to add AGE column as a mask column." Par. [0039], [0078].

```
SELECT  MASK.PT_ID(c.PT_ID, i.VST) PT_ID,
        MASK.VST(i.PT_ID, i.VST) VST,
        MASK.P_NM(i.PT_ID, i.VST, p.P_NM) P_NM,
        MASK.AGE(i.PT_ID, i.VST, p.AGE) AGE,
        p.SEX,
        MASK.MD_ID(i.MD_ID) MD_ID,
        MASK.D_NM(i.MD_ID, m.D_NM) D_NM,
        i.DRG, i.STAY, ...
  FROM INPT_FACT i, MD_FACT m, PT_FACT p
 WHERE  i.PT_ID=p.PT_ID AND i.MD_ID = m.MD_ID AND ... ;
```

Respectfully submitted,

HICKMAN PALERMO TRUONG & BECKER LLP

By (Unofficial and Not for Entry—Unsigned)

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San Jose, California 95110-1083
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CLAIM 1

1. (Previously Presented) A machine-implemented method for executing a database statement, the method comprising the steps of:

a database server receiving a request to execute the database statement, wherein the request specifies the database statement and a tag that does not conform to a database language of said database statement;

wherein said tag specifies at least one parameter field and at least one parameter value;

in response to receiving the request, said database server storing the tag;

said database server executing said database statement, wherein during execution of said database statement said database server provides access to one or more of the at least one parameter value through a tag access mechanism provided by said database server.

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Applicant Initiated Interview Request Form

Application No.: 10/786,941   First Named Applicant: Daniel ManHung Wong
Examiner: Michael Pham   Art Unit: 2167   Status of Application: Pending

Tentative Participants:
(1) Michael Pham   (2) Eric L. Sutton
(3) Marcel K. Bingham   (4)_____
Proposed Date of Interview: October 15, 2009   Proposed Time: 1 PM Eastern (AM/PM)

Type of Interview Requested:
(1) [X] Telephonic   (2) [ ] Personal   (3) [ ] Video Conference

Exhibit To Be Shown or Demonstrated: [ ] YES [X] NO
If yes, provide brief description:_____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) Rej	1		[ ]	[ ]	[ ]
(2)			[ ]	[ ]	[ ]
(3)			[ ]	[ ]	[ ]
(4)			[ ]	[ ]	[ ]

[ ] Continuation Sheet Attached
Brief Description of Arguments to be Presented:

_____

_____

_____

An interview was conducted on the above-identified application on _____
NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview
(see MPEP § 713.01).
This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

___/EricLSutton#61173/_____
Applicant/Applicant's Representative Signature

___Eric L Sutton_____
Typed/Printed Name of Applicant or Representative

___61,173_____
Registration Number, if applicable

Examiner/SPE Signature